

IN THE CLAIMS:

Please amend Claims 1 to 14 and add new Claims 21 to 24 to read as follows. Note that all claims currently pending in this application, including those not presently being amended, have been reproduced below for the Examiner's convenience.

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1. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

a control circuit which determines an means for determining the amount of light generated by the flash apparatus;

a color adjusting circuit which controls at least one of means for controlling hue and a or color saturation; and

a first color control circuit which controls hue controlling means for controlling said color adjusting circuit means such that at least one of the hue and the or color saturation is corrected in accordance with the amount of light determined by said control circuit means.

2. (Currently Amended) An image pickup apparatus according to Claim 1, further comprising:

a color temperature detecting circuit which detects means for detecting a color temperature of a subject; and

a second color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means such that at least one of hue and or color saturation is corrected in accordance with the color temperature of the subject detected by said color temperature detecting circuit means,

wherein said first color controlling circuit hue controlling means corrects a correction result of said second color hue controlling circuit means.

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3. (Currently Amended) An image pickup apparatus according to Claim 1, wherein said color adjusting circuit means includes a matrix circuit which multiplies a first color difference signal by a factor and adds the result to a second color difference signal and which multiplies the second color difference signal by a factor and adds the result to the first color difference signal.

4. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

an illuminance detecting circuit which detects an means for detecting the illuminance of a subject;

a color adjusting circuit which controls at least one of a means for controlling hue and a or color saturation; and

a first controlling circuit which controls hue controlling means for controlling said color adjusting circuit means such that at least one of the hue and or color saturation is corrected in accordance with the illuminance of the subject detected by said illuminance detecting circuit means.

5. (Currently Amended) An image pickup apparatus according to Claim 4, further comprising:

a color temperature detecting circuit which detects means for detecting a color temperature of the subject; and

a second color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means in accordance with the color temperature of the subject detected by said color temperature detecting circuit means,

wherein said first color controlling circuit hue controlling means corrects a correction result of said second color controlling circuit hue controlling means.

6. (Currently Amended) An image pickup apparatus according to
Claim 4, wherein said color adjusting circuit means includes a matrix circuit which multiplies a first color difference signal by a factor and adds the result to a second color difference signal and which multiplies the second color difference signal by a factor and adds the result to the first color difference signal.

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7. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

a color temperature detecting circuit which detects means for detecting a color temperature of a subject;

an illuminance detecting circuit which detects an means for detecting the illuminance of a subject;

a control circuit which determines an means for determining the amount of light generated by the flash apparatus;

a color adjusting circuit which controls at least one of means for controlling hue and or color saturation;

a first color controlling circuit which controls at least one of hue controlling means for controlling hue and or color saturation in accordance with the color temperature of a subject detected by said color temperature detecting circuit means; and

a second color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means such that at least one of hue and or color saturation is corrected in accordance with at least one of the illuminance detected by said illuminance detecting circuit means and also in accordance with the amount of light determined by said control circuit means.

8. (Currently Amended) An image pickup apparatus according to
Claim 7, wherein said color adjusting circuit means includes a matrix circuit which multiplies a first color difference signal by a factor and adds the result to a second color difference signal and which multiplies the second color difference signal by a factor and adds the result to the first color difference signal.

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9. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

a color adjusting circuit which controls at least one of means for controlling hue and or color saturation;

a color temperature detecting circuit which detects a color means for detecting a color temperature of a subject;

a first color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means in accordance with the color temperature of the a subject detected by said color temperature detecting circuit means;

a memory which stores means for storing hue information used to make a color correction when said flash apparatus is used; and

a second color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means in accordance with the hue information stored in said memory circuit means such that the hue information for said flash apparatus is selected when said flash apparatus is used.

10. (Currently Amended) An image pickup apparatus according to
Claim 9, wherein said color adjusting circuit means includes a matrix circuit which multiplies a first color difference signal by a factor and adds the result to a second color

difference signal and which multiplies the second color difference signal by a factor and adds the result to the first color difference signal.

11. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

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a white balance controlling circuit which controls means for controlling
white balance in accordance with at least one of an either the illuminance of a subject and
an or the amount of light generated by the flash apparatus;

a color adjusting circuit which controls at least one of means for controlling
hue and or color saturation; and

a color control circuit which controls hue controlling means for controlling
said color adjusting circuit means in accordance with white balance information generated
by said white balance controlling circuit, means such that when the white balance
information varies in response to at least one of the illuminance of the subject and or the
amount of light generated by the flash apparatus, said color controlling circuit hue
controlling means controls said color adjusting circuit means in accordance with the white
balance information.

12. (Currently Amended) An image pickup apparatus according to
Claim 11, wherein said color adjusting circuit means includes a matrix circuit which
multiplies a first color difference signal by a factor and adds the result to a second color
difference signal and which multiplies the second color difference signal by a factor and
adds the result to the first color difference signal.

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13. (Currently Amended) An image pickup apparatus for use with a flash apparatus, comprising:

a color adjusting circuit which controls at least one of means for controlling hue and or color saturation; and

a color controlling circuit which controls hue controlling means for controlling said color adjusting circuit means such that when a flash apparatus is used, said color adjusting circuit means corrects at least one of the hue and the or color saturation in accordance with an illuminating state of said flash apparatus to a subject.

14. (Currently Amended) An image pickup apparatus according to Claim 13, wherein said color controlling circuit hue controlling means has correction data associated with hue or color saturation employed when the flash apparatus is used and also has correction data associated with the hue or color saturation employed when the flash apparatus is not used, and wherein said hue correcting circuit means selects proper correction data on the basis of whether the flash apparatus is used or not.

15. (Original) An image pickup apparatus according to Claim 1, wherein said image pickup apparatus comprises the flash apparatus.

16. (Original) An image pickup apparatus according to Claim 4, wherein said image pickup apparatus comprises the flash apparatus.

17. (Original) An image pickup apparatus according to Claim 7, wherein said image pickup apparatus comprises the flash apparatus.

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18. (Original) An image pickup apparatus according to Claim 9,
wherein said image pickup apparatus comprises the flash apparatus.

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19. (Original) An image pickup apparatus according to Claim 11,
wherein said image pickup apparatus comprises the flash apparatus.

20. (Original) An image pickup apparatus according to Claim 13,
wherein said image pickup apparatus comprises the flash apparatus.

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--21. (New) An image pickup apparatus for use with a flash apparatus,
comprising:

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a color adjusting circuit which controls at least one of hue and color
saturation; and

a color controlling circuit for changing said color adjusting circuit such that,
depending on whether a flash apparatus is used or not, said color adjusting circuit corrects
at least one of hue and color saturation.

22. (New) An image pickup apparatus for use with a flash apparatus,
comprising:

a color adjusting circuit which controls hue or color saturation in
accordance with a color temperature of a subject when a flash apparatus is not used; and

a color controlling circuit which controls at least one of hue and color
saturation adjusted by said color adjusting circuit when the flash apparatus is used.

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23. (New) An image pickup apparatus according to Claim 13, wherein
the illuminating state of said flash apparatus to a subject comprises an amount of light
generated by the flash apparatus.

24. (New) An image pickup apparatus according to Claim 13, wherein
the illuminating state of said flash apparatus to a subject comprises an illuminance of the
subject.--